

10/541057

JC20 Rec'd PCT/PTO 29 JUN 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No.: 7512.175

GREGORY, et al.

Serial No.: To be assigned

Examiner:

Filed: Herewith

Group Art Unit: To be assigned

Title: Controlled Electrochemical Deposition of Polysaccharides Films and
Hydrogels, and Materials Formed Therefrom

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Applicant's duty of disclosure under 37 C.F.R. 1.98,
Applicant hereby identifies several references, listed on the enclosed Form PTO-SB-08,
that may be relevant to the examination of the above application. Copies of the non-U.S.
patent references are enclosed.

Consideration of these references is respectfully requested.

Respectfully submitted,

6/29/05
Date:

David S. Taylor Esq.
Registration No. 39,045
Attorney for Applicant

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	To be assigned 10/541057
		Filing Date	06/29/2005
		First Named Inventor	Gregory F. Payne
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	7512.175

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SEONG, et al., "Fabrication of Microchambers Defined by Photopolymerized Hydrogels and Weirs ...", Analytical Chemistry, Vol.74, No. 14, pp. 3372-3377, 2002.	
		GAO, et al., "Lateral Patterning of CdTe Nanocrystal Films by the Electric Field Directed Layer-by-Layer Assembly Method", Langmuir, Vol 18, pp. 4098-4102, 2002.	
		CHEN, et al., "pH-Sensitive Thin Hydrogel Microfabricated by Photolithography", Langmuir, Vol. 14, pp. 6610-6612, 1998.	
		BEEBE, et al., "Functional Hydrogel Structures for Autonomous Flow Control Inside Microfluidic Channels", Nature, Vol. 404, pp. 588-590, 2000.	
		SIRKAR, et al., "Amperometric Biosensors Based on Oxidoreductases Immobilized in Photopolymerized... " Analytical Chemistry, Vol. 70, No. 14, pp. 2888-2894, 1998.	
		TAKENAKA, et al., "Sol-gel preparation of single-layer, 0.75 µm thick lead zirconate titanate films...", Applied Physics Letters", Vol. 79, No. 21, pp. 3485-3487, 2001.	
		O'CONNOR, et al., "Immobilization of neural cells in three-dimensional matrices for biosensor applications", Biosensors & Bioelectronics, Vol 14, pp. 871-881, 2000.	
		ZHITOMIRSKY, et al., "Cathodic electrodeposition of polymer films and organoceramic films", Materials Science and Engineering, Vol. B78, pp. 125-130, 2000.	
		CHEN, et al., "Self-Assembly of Monolayers of Cadmium Selenide Nanocrystals with Dual Color Emission", Langmuir, Vol. 15, pp. 6845-6850, 1999.	
		CLARK, "Engineering the Microfabrication of Layer-by-Layer Thin Films", Advanced Materials, 1998.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.